

## APC Anti-Mouse CD8b.2 Antibody[53-5.8]

Catalog Number: AN00564E

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

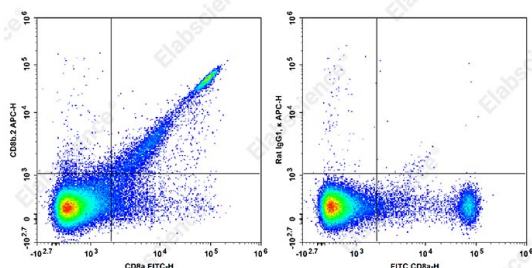
<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, $\kappa$
<b>Clone No.</b>	53-5.8
<b>Isotype Control</b>	APC Rat IgG1, $\kappa$ Isotype Control[HRPN] [Product E-AB-F09822E]
<b>Conjugation</b>	APC
<b>Conjugation Information</b>	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Applications

### Recommended usage

**FCM** Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

### Data



Staining of C57BL/6 murine splenocytes cells with FITC Anti-Mouse CD8a Antibody and APC Anti-Mouse CD8b.2 Antibody[53-5.8] (left) or APC Rat IgG1,  $\kappa$  Isotype Control (right). Total viable cells were used for analysis.

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	Lyt-3.2;Ly-3.2
<b>Uniprot ID</b>	P10300
<b>Gene ID</b>	12526

### For Research Use Only

## Background

CD8b is the 32 kD  $\beta$  chain of CD8, also known as Lyt-3.2 or Ly-3.2. It is a member of the Ig superfamily expressed as a heterodimer with the CD8 $\alpha$  chain on a subset of MHC class I-restricted T cells and most thymocytes. CD8 is a co-receptor for the TCR complex involved in T cell activation. The antibody 53-5.8 is specific for Ly-3.2 and has low reactivity with Ly-3.1.